



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX

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| Date: April 19, 2012 | EPA Reg No. 61483-OU | Page 1/2 |
| Applicant's/Registrant's Name and Address: KMG-BERNUTH, INC 9555 W. SAM HOUSTON PKWY SOUTH, SUITE 600 HOUSTON, TX 77099 | | Product: KMG-B Penta OL Penta Blocks |
| Ingredient: Pentachlorophenol | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|--|-------------|---------------|--------|-------------------|
| 830.1550 | Product identity and composition | 41002701 | Co. No. 10413 | OWN | |
| 830.1600 | Starting materials | 41002701 | Co. No. 10413 | OWN | |
| 830.1620 | Description of production process | | N/A | | Not a TGAI |
| 830.1620 | Description of formulation process | 41002701 | Co. No. 10413 | OWN | |
| 830.1670 | Discussion of formation of impurities | 41002701 | Co. No. 10413 | OWN | |
| 830.1700 | Preliminary analysis | | N/A | | Not a TGAI |
| 830.1750 | Certification of limits | 41002701 | Co. No. 10413 | OWN | |
| 830.1800 | Enforcement analytical method | 41002702 | Co. No. 10413 | OWN | |
| 830.6302 | Color | 41002703 | Co. No. 10413 | OWN | |
| 830.6303 | Physical state | 41002703 | Co. No. 10413 | OWN | |
| 830.6304 | Odor | 41002703 | Co. No. 10413 | OWN | |
| 830.6313 | Stability to temperatures, metals and metal ions | 41002703 | Co. No. 10413 | OWN | |
| 830.6314 | Oxidation/Reductions: Chemical Incompatibility | 41002703 | Co. No. 10413 | OWN | |
| 830.6315 | Flammability | | N/A | | Not flammable |
| 830.6316 | Explosibility | | N/A | | Not explodable |
| 830.6317 | Storage Stability | | In Progress | | |
| 830.6319 | Miscibility | | N/A | | Not a liquid |
| 830.6320 | Corrosion characteristics | | In Progress | | |
| 830.6321 | Dielectric Breakdown | | N/A | | No electrical use |
| 830.7000 | pH | 41002703 | Co. No. 58567 | OWN | |
| 830.7050 | UV/Visible Absorption | | N/A | | Not a TGAI |
| 830.7100 | Viscosity | | N/A | | Not a liquid |
| 830.7200 | Melting point range | 41002703 | Co. No. 58567 | OWN | |

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| Signature <i>Dr. Hubert R. O'Neal</i> | Name and Title Dr. Hubert R. O'Neal, Regulatory Consultant | Date April 19, 2012 |
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| Ingredient: Pentachlorophenol | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|---|-------------|-----------------|------------|-----------------|
| 830.7220 | Boiling Point | | N/A | | Not a liquid |
| 830.7300 | Density | 41002703 | Co. No. 10413 | OWN | |
| 830.7370 | Dissociation constant | 41002703 | Co. No. 10413 | OWN | |
| 830.7220 | Partition Coefficient – shake flask method | | Open literature | Literature | See penta RED |
| 830.7220 | Partition Coefficient – column elution method | | Open literature | Literature | See penta RED |
| 830.7860 | Water Solubility – shake flask method | | Open literature | Literature | See penta RED |
| 830.7830 | Water solubility | 41002703 | Co. No. 10413 | OWN | |
| 830.7950 | Vapor pressure | 41002703 | Co. No. 10413 | OWN | |
| 870.1100 | Acute oral toxicity | 00101715 | Co. No. 464 | OLD | |
| 870.1200 | Acute dermal toxicity | 00101715 | Co. No. 464 | OLD | |
| 870.1300 | Acute inhalation toxicity | | | Waiver | See penta RED |
| 870.2400 | Eye irritation | 00101715 | Co. No. 464 | OLD | |
| 870.2500 | Dermal irritation | 00101715 | Co. No. 464 | OLD | |
| 870.2600 | Dermal Sensitization | 42594301 | Co. No. 61323 | OWN | Penta Taskforce |
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| Signature <i>Dr. Hubert R. O'Neal</i> | Name and Title Dr. Hubert R. O'Neal, Regulatory Consultant | Date April 19, 2012 |
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